

Docket No. PU3616US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE Application of Dale Curt HAFFNER et al.

Serial No.: 10/637,190

Art Unit: 1626

Filing Date: August 8, 2003

Examiner: Anderson, Rebecca

For: Use of FXR Ligands

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request that the references identified on Form PTO-1449 appended hereto be considered by the Examiner and officially made of record in accordance with the provisions of 37 CFR 1.97

☒ Copies of the references are enclosed

☐ Copies of the references were submitted in parent application Serial No. \_\_\_\_\_  
(37 CFR 1.98(d))

☐ A copy of the International Search Report which issued on International Application No. \_\_\_\_\_ is submitted herewith. All of the publications cited in the International Search Report are listed on the attached form PTO-1449 and Applicants understand that copies have been supplied to the U.S. Patent Office by the International Bureau.

A. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of the above application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 CFR 1.97(b).

OR

☐ The Information Disclosure Statement submitted herewith is being filed before the mailing of a first office action after the filing of a Request For Continued Examination under 37 C.F.R. 1.114 (37 C.F.R. 1.97(b)(4)).

B. ☐ The Information Disclosure Statement transmitted herewith is being filed **after** three months of the filing date of the above application or the date of entry into the national stage as set forth in § 1.491 of an international application or after the mailing date of the first Office Action on the merits, whichever event occurred last, but **before** the mailing date of either:  
(1) a final action under § 1.113 or  
(2) a notice of allowance under § 1.311,  
whichever occurs first.

CERTIFICATE OF MAILING (37 CFR 1.8)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date: 3/28/05

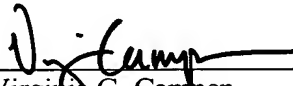
Patty Wilson  
Patty Wilson

- ☐ Applicant hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ Applicant elects the option to pay the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under § 1.97(c) (\$180.00).
- C. ☐ The Information Disclosure Statement transmitted herewith is being filed **after** a final action under § 1.113, or a notice of allowance under § 1.311, whichever occurs first, but before the payment of the issue fee. Also enclosed is a copy of the International Search Report which Issued on International Publication No.

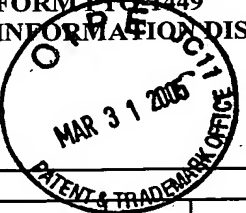
In accordance with the requirements of 37 CFR 1.97(d):

- ☐ Applicant hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. **[or]**
- ☐ Applicant hereby certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this statement; and
- ☐ The petition fee set forth in § 1.17(i)(1) (\$180.00) is submitted herewith.
- ☒ Please charge any required fees to Deposit Account No.07-1392.
- ☐ A duplicate copy of this paper is attached.

Respectfully Submitted,

  
\_\_\_\_\_  
Virginia G. Campen  
Attorney of Record  
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| FORM PTO-1449<br>INFORMATION DISCLOSURE STATEMENT   |             | SERIAL NO.   |                     | 10/637,190                       |  |                |
|    |             | FILING DATE  |                     | August 8, 2003                   |  |                |
|   |             | APPLICANT  |                     | Curt Dale HAFFNER                |  |                |
|   |             | GROUP  |                     | 1646                             |  |                |
|   |             | EXAMINER   |                     | Anderson, Rebecca                |  |                |
|   |             | ATTORNEY DOCKET NO.  |                     | PU3616US2                        |  |                |
| <b>U.S. PATENT DOCUMENTS</b>  |             |  |                     |                                  |  |                |
| Examiner<br>Initials  | Cite<br>No. | Document<br>Number   | Publication<br>Date | Name of Patentee or<br>Applicant | Pages, Columns, Lines where Relevant<br>Passages or Relevant Figures Appear    |                |
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| <b>FOREIGN PATENT DOCUMENTS</b>   |             |  |                     |                                  |  |                |
| Examiner<br>Initials  | Cite<br>No. | Document<br>Number   | Publication<br>Date | Country                          | Pages, Columns, Lines where<br>Relevant Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
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| <b>OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)</b>   |             |  |                     |                                  |  |                |
|   | 1.          | GOLDSTEIN et al., <i>Regulation of the mevalonate pathway</i> , Nature 343:425-430 (Feb. 1, 1990).   |                     |                                  |  |                |
|   | 2.          | FUJITA et al., <i>Molecular cloning, expression, and characterization of human intestinal 15-kDa protein</i> , European J. Biochemistry 233:406-413 (1995).                          |                     |                                  |  |                |
|   | 3.          | KANDA et al., <i>Regulation of expression of human intestinal bile acid-binding protein in Caco-2 cells</i> , Biochem Journal 330:261-265 (1998).                                    |                     |                                  |  |                |
|   | 4.          | FORMAN et al., <i>Identification of a Nuclear Receptor that is Activated by Farnesol Metabolites</i> , Cell 81:687-693 (June 2, 1995).   |                     |                                  |  |                |
|   | 5.          | ZHOU <i>Nuclear Receptors Have Distinct Affinities for Coactivators: Characterization by fluorescence Resonance Energy Transfer</i> , Molecular Endocrinology 12:1594-1604 (1998).   |                     |                                  |  |                |
|   | 6.          | CRADDOCK et al., <i>Expression and transport properties of the human ileal and renal sodium-dependent bile acid transporter</i> , American Physiological Society 274:157-169 (1998). |                     |                                  |  |                |
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| EXAMINER  |             |  |                     |                                  | DATE CONSIDERED  |                |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. |             |  |                     |                                  |  |                |